

0270 OIPE

C Errors Corrected by the STIC Systems Branch

Serial Number: 09/685,343

CRF Processing Date: 10/20/2000
Edited by: *[Signature]*
Verified by: *[Signature]* (STIC staff)

- Changed a file from non-ASCII to ASCII **ENTERED**
- Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- Edited a format error in the Current Application Data section, specifically:
-
- Edited the Current Application Data section with the actual current number. The number inputted by the applicant was the prior application data; or other _____
- Added the mandatory heading and subheadings for "Current Application Data".
- Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- Changed the spelling of a mandatory field (the headings or subheadings), specifically:
-
- Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:
-
- Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:
-
- Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- Inserted colons after headings/subheadings. Headings edited included:
-
- Deleted extra, invalid, headings used by an applicant, specifically:
-
- Deleted: non-ASCII "garbage" at the beginning/end of files; secretary initials/filename at end of file;
 page numbers throughout text; other invalid text, such as _____
- Inserted mandatory headings, specifically:
-
- Corrected an obvious error in the response, specifically:
-
- Edited identifiers where upper case is used but lower case is required, or vice versa.
- Corrected an error in the Number of Sequences field, specifically:
-
- A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- Other: *Seq 3 - corrected spelling of PRIMER*
-
-
-
-
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-
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*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/685,343

DATE: 10/20/2000
TIME: 11:25:37

Input Set : A:\34901971.app
Output Set: N:\CRF3\10202000\I685343.raw

Does Not Comply
Corrected Diskette Needed

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3 <110> APPLICANT: CHARNEAU, PIERRE
4 ZENNOU, VERONIQUE
5 PFOLUMIO, FRANCOISE
6 SIRVEN, ARIDE
7 DUBART, ANNE
9 <120> TITLE OF INVENTION: LENTIVIRAL TRIPLEX DNA, AND VECTORS AND RECOMBINANT
10 CELLS CONTAINING LENTIVIRAL TRIPLEX DNA
12 <130> FILE REFERENCE: 03495.0197 SEQUENCE LISTING
C--> 14 <140> CURRENT APPLICATION NUMBER: US/09/685,343
C--> 15 <141> CURRENT FILING DATE: 2000-10-11
17 <150> PRIOR APPLICATION NUMBER: 60/158,387
18 <151> PRIOR FILING DATE: 1999-10-12
20 <160> NUMBER OF SEQ ID NOS: 24
22 <170> SOFTWARE: PatentIn Ver. 2.1
24 <210> SEQ ID NO: 1
25 <211> LENGTH: 25
26 <212> TYPE: DNA
27 <213> ORGANISM: Artificial Sequence
29 <220> FEATURE:
30 <223> OTHER INFORMATION: Description of Artificial Sequence: MUTAGENESIS
31 PRIMER BASED ON PLASMID pLAI3
33 <400> SEQUENCE: 1
34 caatttaaa agaaaggggg ggatt 25
37 <210> SEQ ID NO: 2
38 <211> LENGTH: 43
39 <212> TYPE: DNA
40 <213> ORGANISM: Artificial Sequence
42 <220> FEATURE:
43 <223> OTHER INFORMATION: Description of Artificial Sequence: MUTAGENESIS
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50 <210> SEQ ID NO: 3
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52 <212> TYPE: DNA
53 <213> ORGANISM: Artificial Sequence
55 <220> FEATURE:
56 <223> OTHER INFORMATION: Description of Artificial Sequence: PRIMER TO
57 AMPLIFY NUCLEIC ACID ENCODING THE ENHANCED GREEN
58 FLUORESCENT PROTEIN
60 <400> SEQUENCE: 3
61 ccggatcccc accgggtcgcc acc 23
64 <210> SEQ ID NO: 4
65 <211> LENGTH: 23
66 <212> TYPE: DNA
67 <213> ORGANISM: Artificial Sequence
69 <220> FEATURE:

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70 <223> OTHER INFORMATION: Description of Artificial Sequence: PRIMER TO
71 AMPLIFY NUCLEOTIDES ENCODING THE ENHANCED GREEN
72 FLUORESCENT PROTEIN
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83 <220> FEATURE:
84 <223> OTHER INFORMATION: Description of Artificial Sequence: PRIMER TO
85 AMPLIFY pUCLTRRI-
87 <400> SEQUENCE: 5
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93 <212> TYPE: DNA
94 <213> ORGANISM: Artificial Sequence
96 <220> FEATURE:
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104 <210> SEQ ID NO: 7
105 <211> LENGTH: 38
106 <212> TYPE: DNA
107 <213> ORGANISM: Artificial Sequence
109 <220> FEATURE:
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114 gtggtcggcg ccgaattcac aaatggcagt attcatcc 38
117 <210> SEQ ID NO: 8
118 <211> LENGTH: 34
119 <212> TYPE: DNA
120 <213> ORGANISM: Artificial Sequence
122 <220> FEATURE:
123 <223> OTHER INFORMATION: Description of Artificial Sequence: PRIMER TO
124 AMPLIFY CPPT AND CTS OF pLA13
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127 gtcgtcggcg ccccaaagtg gatctctgct gtcc 34
130 <210> SEQ ID NO: 9
131 <211> LENGTH: 38
132 <212> TYPE: DNA
133 <213> ORGANISM: Artificial Sequence
135 <220> FEATURE:
136 <223> OTHER INFORMATION: Description of Artificial Sequence: PRIMER TO
137 AMPLIFY TRIPLEX SEQUENCE OF EF1 alpha PROMOTER ON
138 THE MATRIX pLai

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147 <213> ORGANISM: Artificial Sequence
149 <220> FEATURE:
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152   THE MATRIX pLai
154 <400> SEQUENCE: 10
155 agcctcacga cgcgtatcg ccaaagtgga tctctgctg 39
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159 <211> LENGTH: 26
160 <212> TYPE: DNA
161 <213> ORGANISM: Artificial Sequence
163 <220> FEATURE:
164 <223> OTHER INFORMATION: Description of Artificial Sequence: PRIMER TO
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166   THE MATRIX pEFpgkneo
168 <400> SEQUENCE: 11
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172 <210> SEQ ID NO: 12
173 <211> LENGTH: 26
174 <212> TYPE: DNA
175 <213> ORGANISM: Artificial Sequence
177 <220> FEATURE:
178 <223> OTHER INFORMATION: Description of Artificial Sequence: PRIMER TO
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180   THE MATRIX pEFpgkneo
182 <400> SEQUENCE: 12
183 cgggatcccg tgtttctggcg gcaaac 26
186 <210> SEQ ID NO: 13
187 <211> LENGTH: 23
188 <212> TYPE: DNA
189 <213> ORGANISM: Homo sapiens
191 <400> SEQUENCE: 13
192 ccctcgagct agagtcgcgg ccg 23
195 <210> SEQ ID NO: 14
196 <211> LENGTH: 23
197 <212> TYPE: DNA
198 <213> ORGANISM: Homo sapiens
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205 <211> LENGTH: 21
206 <212> TYPE: DNA
207 <213> ORGANISM: Artificial Sequence
209 <220> FEATURE:

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210 <223> OTHER INFORMATION: Description of Artificial Sequence: PRIMER FOR
211 AMPLIFICATION OF pLAI3 VIRAL DNA
213 <400> SEQUENCE: 15
214 agaagaaaatg atgcacagcat g 21
217 <210> SEQ ID NO: 16
218 <211> LENGTH: 17
219 <212> TYPE: DNA
220 <213> ORGANISM: Artificial Sequence
222 <220> FEATURE:
223 <223> OTHER INFORMATION: Description of Artificial Sequence: PRIMER FOR
224 AMPLIFICATION OF pLAI3 VIRAL DNA
226 <400> SEQUENCE: 16
227 tgccaggatctt agctcttg 17
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231 <211> LENGTH: 20
232 <212> TYPE: DNA
233 <213> ORGANISM: Artificial Sequence
235 <220> FEATURE:
236 <223> OTHER INFORMATION: Description of Artificial Sequence: PRIMER FOR
237 SYNTHESIS OF PROBE FOR pTRIPGFP VECTOR
239 <400> SEQUENCE: 17 20
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243 <210> SEQ ID NO: 18
244 <211> LENGTH: 27
245 <212> TYPE: DNA
246 <213> ORGANISM: Artificial Sequence
248 <220> FEATURE:
249 <223> OTHER INFORMATION: Description of Artificial Sequence: PRIMER FOR
250 SYNTHESIS OF PROBE FOR pTRIPGFP VECTOR
252 <400> SEQUENCE: 18 27
253 gcttgtgttaa ttgttaattt ctctgttc
256 <210> SEQ ID NO: 19
257 <211> LENGTH: 7
258 <212> TYPE: PRT
259 <213> ORGANISM: Human immunodeficiency virus type 1
261 <220> FEATURE:
262 <221> NAME/KEY: PEPTIDE
263 <222> LOCATION: (1)..(7)
264 <223> OTHER INFORMATION: Partial HIV-1 cPPT sequence.
266 <400> SEQUENCE: 19
267 Asn Phe Lys Arg Lys Gly Gly
268 1 5
271 <210> SEQ ID NO: 20
272 <211> LENGTH: 19
273 <212> TYPE: DNA
274 <213> ORGANISM: Human immunodeficiency virus type 1
276 <400> SEQUENCE: 20
277 ttttaaaaaga aaaggggggg 19
280 <210> SEQ ID NO: 21

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281 <211> LENGTH: 19
282 <212> TYPE: DNA
283 <213> ORGANISM: Artificial Sequence
285 <220> FEATURE:
286 <223> OTHER INFORMATION: Description of Artificial Sequence: MUTATION
287 INTRODUCED INTO THE HIV-1 cPPT SEQUENCE
289 <400> SEQUENCE: 21
290 ttttaaacgc aaaggtggt 19
293 <210> SEQ ID NO: 22
294 <211> LENGTH: 7
295 <212> TYPE: PRT
296 <213> ORGANISM: Artificial Sequence
298 <220> FEATURE:
299 <223> OTHER INFORMATION: Description of Artificial Sequence: MUTANT
300 PEPTIDE OF HIV-1 cPPT SEQUENCE
302 <400> SEQUENCE: 22
303 Asn Phe Lys Arg Arg Gly Gly
304 1 5
307 <210> SEQ ID NO: 23
308 <211> LENGTH: 19
309 <212> TYPE: DNA
310 <213> ORGANISM: Artificial Sequence
312 <220> FEATURE:
313 <223> OTHER INFORMATION: Description of Artificial Sequence: MUTATION
314 INTRODUCED INTO THE HIV-1 cPPT CODING SEQUENCE
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320 <210> SEQ ID NO: 24
321 <211> LENGTH: 19
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323 <213> ORGANISM: Artificial Sequence
325 <220> FEATURE:
326 <223> OTHER INFORMATION: Description of Artificial Sequence: MUTATIONS
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329 <400> SEQUENCE: 24
330 cttcaagcgc cgcgggttgt 19

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/685,343

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L:14 M:270 C: Current Application Number differs, Replaced Current Application Number
L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date